Examiner-Initiated Interview Summary	Application No.	Applicant(s)	
	10/613,733	TAKAHASHI, KENJI	
	Examiner	Art Unit	
	Manav Seth	2624	

All Participants:

(1) *Manav Seth*.

(2) *Matthew K. Blackburn*.

Status of Application: *Allowed*

(3) _____.

(4) _____.

Date of Interview: 2/22/07

Time: *5:00pm*

Type of Interview:
- ☒ Telephonic
- ☐ Video Conference
- ☐ Personal (Copy given to: ☐ Applicant ☐ Applicant's representative)

Exhibit Shown or Demonstrated: ☐ Yes ☐ No
If Yes, provide a brief description:

Part I.

Rejection(s) discussed:

Claims discussed:
5, 9, 17

Prior art documents discussed:

Part II.

SUBSTANCE OF INTERVIEW DESCRIBING THE GENERAL NATURE OF WHAT WAS DISCUSSED:
See Continuation Sheet

Part III.

☒ It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview directly resulted in the allowance of the application. The examiner will provide a written summary of the substance of the interview in the Notice of Allowability.

☐ It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview did not result in resolution of all issues. A brief summary by the examiner appears in Part II above.

(Examiner/SPE Signature) (Applicant/Applicant's Representative Signature – if appropriate)

Continuation of Substance of Interview including description of the general nature of what was discussed: Authorization for this examiner's amendment was given in a telephone interview with applicant's attorney/agent of record, Mr. Matthew K. Blackburn, Registration No. 47,428, on 02/22/2007, at 5:00 p.m., Examiner's amendment:

In The Claims

2. The following changes to the claims have been approved by the examiner and agreed upon by applicant:

(a) Replace the subject matter of claim 5 with:

An image sensing apparatus which has an image sensing element, an A/D conversion section which converts an output from the image sensing element, an image processing section which processes digital image data obtained from the A/D conversion section, a conversion section which converts the digital image data into output image data by image-processing in said image processing section, and a recording section which records the output image data to a recording medium,
wherein said image processing section comprises a white balance processing section which executes the white balance processing in the digital image data by using white balance coefficients, a matrix arithmetic processing section which executes a matrix arithmetic processing by changing a coefficient in accordance with a color temperature of a light source, and a three-dimensional lookup table arithmetic processing section which performs a color conversion of a specific color by using a parameter according to a lattice point of three colors, and
wherein said image processing section performs a white balance processing, a matrix arithmetic processing, and a three dimensional lookup table arithmetic processing in the order named.

(b) Replace the subject matter of claim 9 with:

An image signal processing method which comprises an image processing step of A/D converting an output signal of an image sensor, which senses an image of an object, into a plurality of digital data and converting the digital data into an output image data,
wherein the image processing step comprises a white balance processing step of executing the white balance processing to the digital image data by using white balance coefficients, a matrix arithmetic processing step of executing matrix arithmetic processing by changing a coefficient in accordance with a color temperature of a light source, and three-dimensional lookup table arithmetic processing step of performing a color conversion of a specific color by using a parameter according to a lattice point of three colors, and
wherein the image processing step performs a white balance processing, a matrix arithmetic processing, and a three-dimensional lookup table arithmetic processing in the order named, thereby performs the color conversion according to a color adaptability based on the color temperature in the white balance processing and the matrix arithmetic processing before the three-dimensional lookup table arithmetic processing, subsequently performs a color conversion of a specific color in the three-dimensional lookup table arithmetic processing step.

(c) Replace the subject matter of claim 12 with:

The method according to claim 9, wherein the digital image data is processed in the white balance processing step before the three-dimensional lookup table arithmetic processing step.

(d) Replace the subject matter of claim 14 with:

The method according to claim 9, wherein the method further comprises an interpolation processing step of interpolating an output from the image sensing element having a color filter comprising a plurality of colors, and the interpolation processing step executes processing before the three-dimensional lookup table arithmetic processing step.

(e) Replace the subject matter of claim 17 with:

A program embodied on a computer-readable storage medium for causing a computer to execute an image signal processing method of claim 9.

(f) Replace the subject matter of claim 20 with:

The apparatus according to claim 5, further comprising an interpolation processing section which interpolates an output signal from the image sensing element in front of which a color filter having a plurality of colors is arranged, wherein said interpolation processing section is arranged before said three-dimensional lookup table arithmetic processing section.

(g) Replace the subject matter of claim 21 with:

The method according to claim 9, further comprising a gamma processing step in which a gamma processing is performed by degrading a bit number of the image signal, wherein said gamma processing step is performed between said matrix arithmetic processing step and the three-dimensional lookup table arithmetic processing step.

(h) Replace the subject matter of claim 22 with:

The method according to claim 9, further comprising an interpolation processing step in which an output signal from the image sensing element, in front of which a color filter having a plurality of colors is arranged, is interpolated, wherein said interpolation processing step is performed before the three-dimensional lookup table arithmetic processing step..